DSM-824

INTELLIGENT SAFETY ALARM SYSTEM

USER MANUAL

List of accessories

Please check according to the list given below for the pleteness of set before installation.

- 1 DSM-824 control panel
- 1 DT-235R detector
- 1 MCS-203R magnetic switch
- 2 RC-203R remote controllers
- 1 Adaptor
- 1 User manual
- 1 Telephone cable

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Preface

Thank you for choosing the smart home series products of DSM brand intelligent home system. At the same time we congratulate you, to have purchased the a trouble free multifunction security alarm system.

Smart home system adopts the most advanced digital sensing and controlling technologies; it is the intelligent alarm control system bining functions of burglar alarm, fire fighting and gas leakage .

Smart home system uses the most advanced multiple random selection technology, it avoids the problems of interference and alarm missing which exist usually in the similar systems. Smart home system also adopts international high speed CONTACT ID as its transmission, which makes this series of products wider in operation and stronger in patibility. This system can be used widely in residence, shops villa, small enterprise and so on.

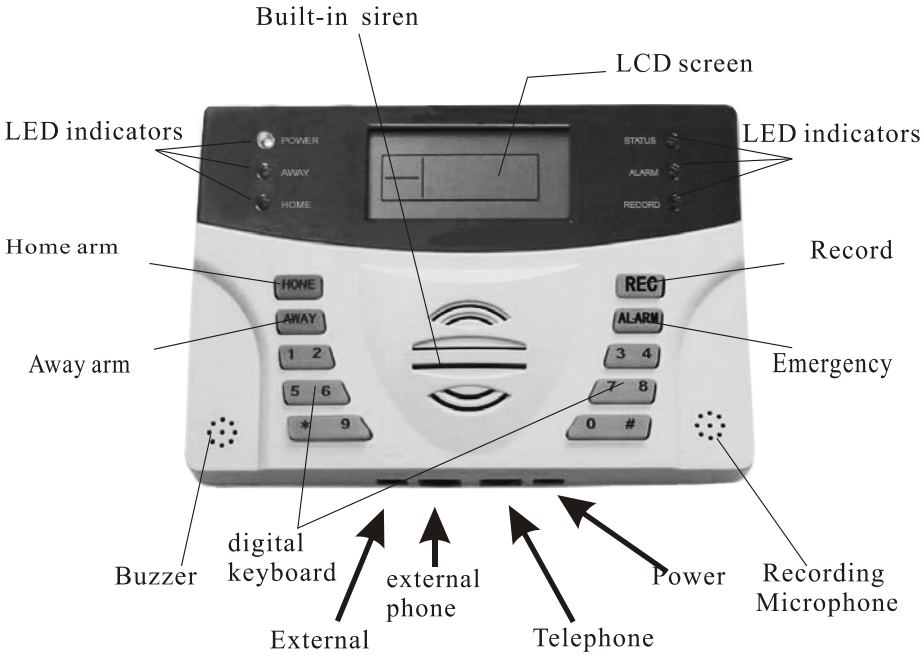
For your convenience of skill ful operation and application of the system , we suggest you to read this manual carefully.

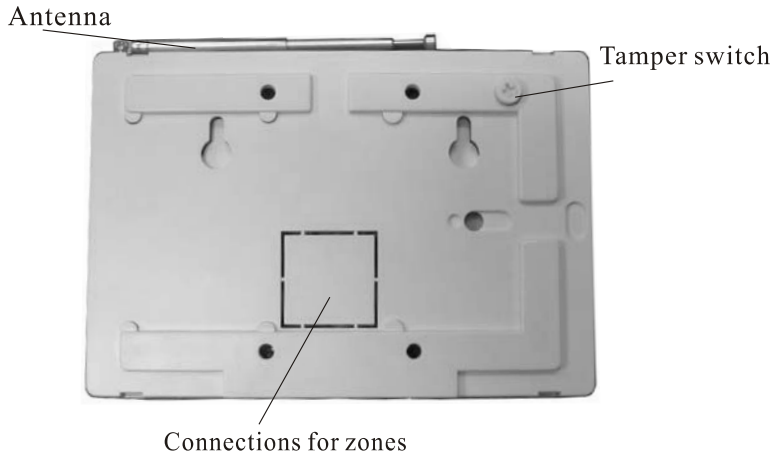
Chapter 1 Introduction

1.1 Feature

☆ Popular economical user screen: LCD screen showing, simple and direct operation
☆ 8 wire zones: patible with various kinds of detectors
☆ Zones programmable: The device is pre-set with alerts types and delay time code. Users can modify the zones type and alerts delay time function by keypad according to their requirement.
☆ Effectiveness / bypass of zones can be selected: alarm zones can be set arbitrarily as your need
☆ Ten seconds record: user address can be recorded
☆ 6 telephones for alarm receiving: 2 for alarm centres and 4 mon telephones, which form a flexible net and guarantees the alarm signal transmission
☆ Record of clock and alarms: built-in automatic calendar and clock can help to make record or search 45 alerts and arming/disarming affairs and their time
☆ Alerts/alarm process mode: alarm process can be operated by mon phone and the voice record independently or through CID agreement by internet to alarm centre; self recognition and patibility for alarm centre and mon phone alert
☆ patible with imported alarm centres: ADEMCO contact ID alarm munication agreement. Operations of arming/ disarming to alarm centre can be selected.

1.2 Get familiar with the panel





Chapter 2 Installation and connection

2.1 Opening the box

Open the package to check the contents as per the list.

2.2 Installation of control panel

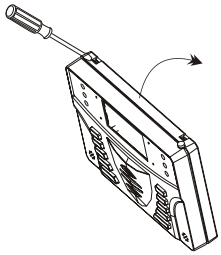


Fig 2.1

Use a screw driver and press down lightly on the knob as in picture and pull out the bottom cover in the direction of the arrow(fig 2.1)

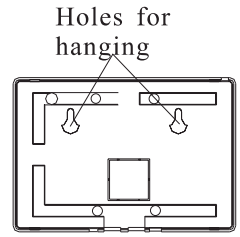


Fig 2.2

Make a hole on the wall according to the hole distance on the bottom cover (fig 2.2)

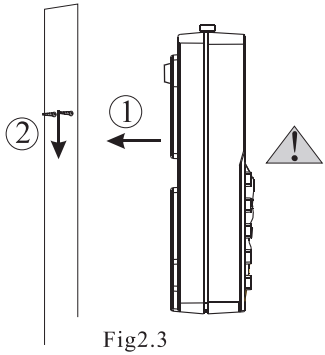


Fig2.3

Caution: As in the left picture, hang thecontrol panel on the wall gently

1. Make sure that the tamper switch is kept open when installing the bottom cover.
2. When installing control panel, ensure the cable is connected correctly

In additional: control panel can also be put on the desk, tamper should be pressed or locked to avoid wrong alarm

2.3Wiring diagram

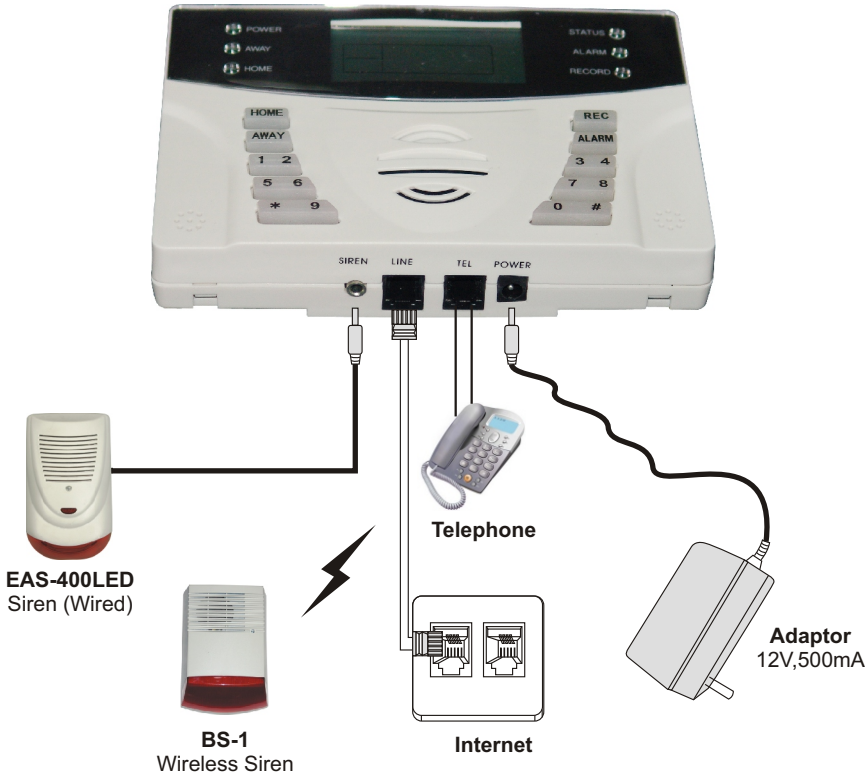
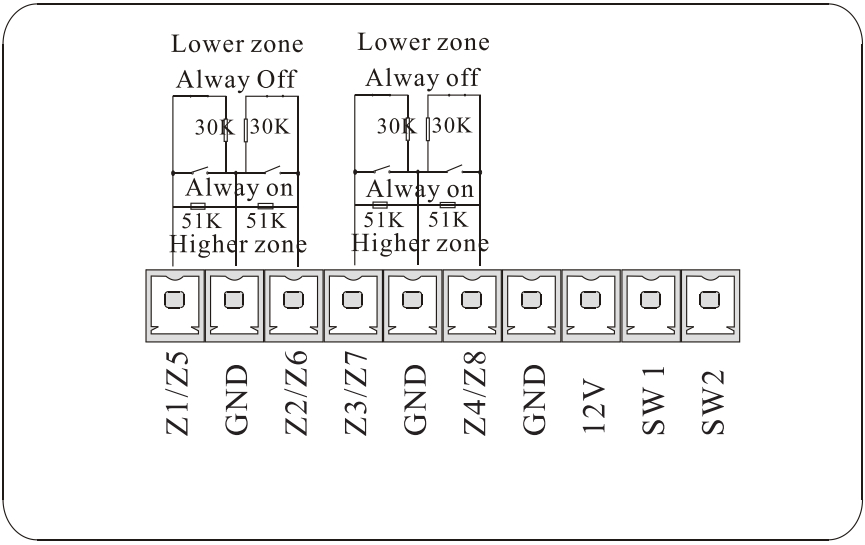


Fig 2.4



Connection between control panel and detector
Fig 2.5

2.4 Installation of wired detector

The wired zone is given 12 V from the main panel. The connections are given to eight zones based on the diagram with end of line resistance. For NC detector resistance is connected in parallel and for NO detector, resistance is connected in series. Matching the resistor in lower zone is 30 K Ohm, while that in higher zone is 51K Ohm.

Caution: Control panel can supply 12V to detector. It can't exceed its current more than 200mA. If it exceeds, another 12V back up power is necessary for detector operation.

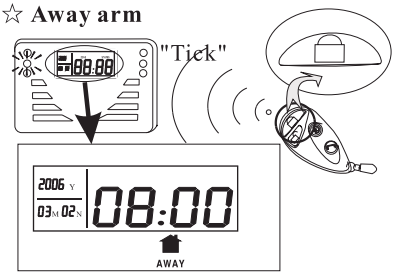
For each DSM-824 series control panel, remote control and detector have been given identification code in factory. For detailed installation please refer to chapter 4.

3.1Default Setting
System password:8888
User password:1111
Entry/exit delay time:10 seconds
Audio monitoring time:10 seconds
No of times of dialling on alarm:2
No of telephone rings before connnection:7
Telephone line testing function: effective
Function of arming/disarming:off
Setting value for auto arm/disarm:0
Phone number and user code: empty

3.2 Daily operation

If all the devices are installed correctly, then each devices can municate normally. Instruction details are given below.

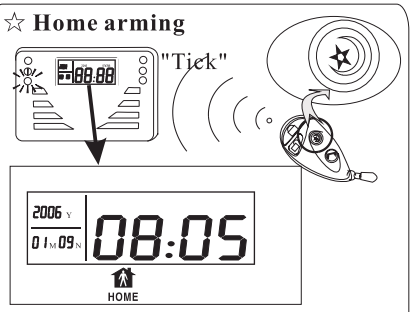
☆ Away arm



Arm: use remote controller

Press arm button in remote control or press “AWAY” on the keyboard of the control panel, then control panel starts exit delay time. Then you could hear 10 “tick, tick” sound, then the siren gives one short sound to indicate arming is successful .

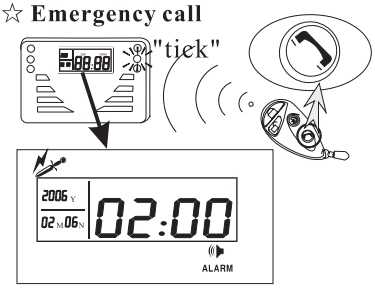
☆ Home arming



Home arming: use remote controller

Home arming button as the right picture or you can press “HOME” on the keyboard can make arming to the control panel; after you hear 2 “ tick , tick ” sounds , arming is successful .

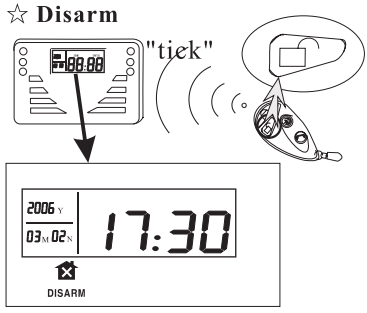
☆ Emergency call



Emergency call: use remote controller

Press “ALARM” to send emergency signal to CMS and preset telephone numbers. you could hear 2 “tick, tick” sound, if the mand is registered correctly.

☆ Disarm



Armi: use remote controller

To disarm press”DISARM”on keyboard or remote control,you will hear 2 “tick, tick” sounds if mand is successful .

3.3Connnection to in ing call

On receiving an external call,after 7 rings, the panel takes order.Two low tick sound will be hear.Enter 4-digital user code through phone keys.
If password is correct,the panel replies by 2 low tick sound;if it is wrong there will be 4 tick sound and control panel hangs up automatically.
:

Dial the phone number connected to control panel

After phone receives the pre-set ringing times, control panel sends out 2 "tick, tick." Sound

Input user password and perform the operation below

1 1.Press (1) key, remote away arming

2 2.Press (2) key, remote away disarming

3 3.Press (3) key, remote spot monitoring (this operation can be performed repeatedly)

4 4.Press (4) key, switch on siren for 10 seconds. (this operation can be performed repeatedly)

3.4 Power supply

1. Power supply for the control panel is given from an external chargeable AC adaptor with built-in chargeable batteries.
2. External power supply indicator: power indicator appears green normally; when the power is off, there will be no indication.
3. Built-in battery indicator: no indication when battery is normal; it will be red when battery is low
4. When battery voltage is lower than the normal voltage of the control panel, automatic protection energises the control panel to switch off automatically

Chapter 4 System Setting Guide

This chapter give details of special functions and individual settings of DSW-824

4.1 Direction for system setting

★ Use the keypad [*] for "setting" and "cancelling" and [#] for "confirmation". The control panel will sound a brief sound once you press the keypad effectively. When the operation is pleted correctly, the control panel will sound two "tick" to indicate successful programming, otherwise, one long sound indicates wrong operation.

★ To enter into "setting" status: press [*] and the screen displays then enter 4-digit password, it will displays to indicate you to input 2-digit function code. Now it is on "setting" status.。

★ After inputting 2-digit function code, the screen will display the original digit code or status code for the user to change to new setting.. 3 seconds later, it appears then user can input new code and press [#] for confirmation. After this setting, the screen will return to then you can input another 2-digit code to continue another setting, in this way, user need not to input password for each setting. If no operation is performed, system will quit automatically after 12 seconds. After all operation, press[*] or [#] to quit.

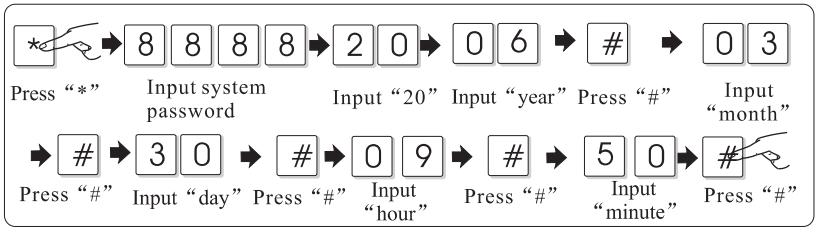
★ If any wrong input is made, then press [*] to return the previous steps or quit.

4.2 Basic setting

4.2.1 Clock setting

Clock setting can be set on DSM-824 panel for the local time, it is important for automatic arming / disarming, and for recording of alarms and time.

Setting procedure: input separately the "year" "month" "date" "hour" and "minute", and press #after every inputting to continue to next setting. Example to show how to modify the time to "9: 50 am on 30th March, 2006" is given below.



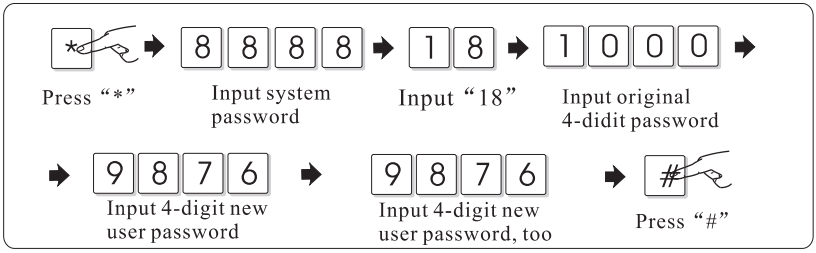
Notice: for convenience, we have taken factory password as example.

4.2.2 Password setting

Password resetting include "user password" and "system password", and password is user's private code for arming, disarming and remote control with keypad. For the security of alarm system, user is suggested to choose an easy-to-remember 4-dight number as personal password. While "system password" is used for the administrator to set the system.

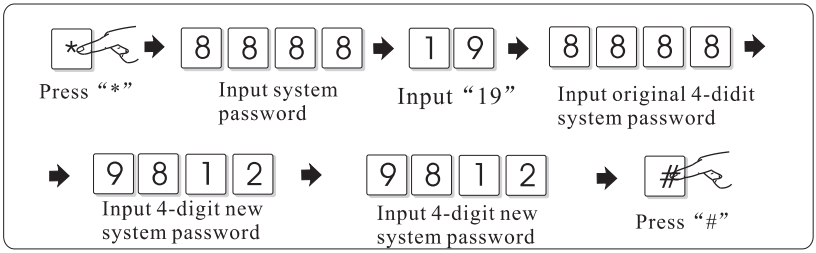
★ Method of setting user password: first input [*+ system password], then input function code [18] and the original password, then input 4-digit new user password twice, finally press # for confirmation

Take an example for changing the user password to "9876"



★ Method of changing the system password: [*→system password] → [19] → [4-digit original system password] → [4-digit new system password] →[4-digit new system password] →[#]

For example: we can change the system password to 9812



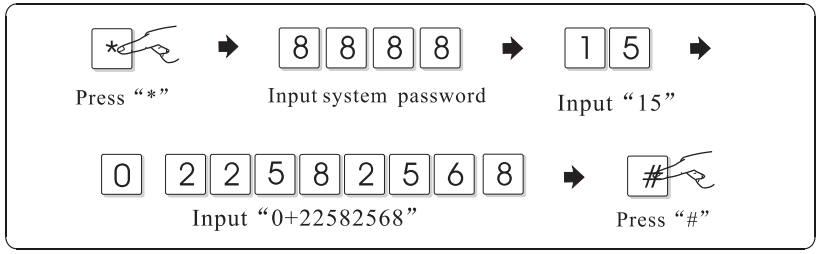
4.2.3Programming of telephone numbers

4.2.3.1 setting for alarm receiving phone number
The main control panel can be programmed for 6 telephones.
The maximum digit for the telephone is 15.

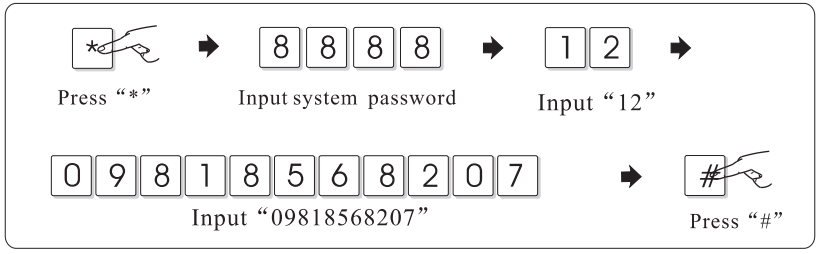
Procedure for setting: First press * and enter system password, then input X and Y and telephone number, then press # for confirmation

1. the “X” stands for 1- 6 telephone
2. the “Y” stands for outward code no Ex 0 of external phone, (if the DSM main panel connected with extension there is a requirement of out code).
3. If the main control panel connected with a internal extension, and the receiving phone number is another extension of the same general phone, you can set the number directly

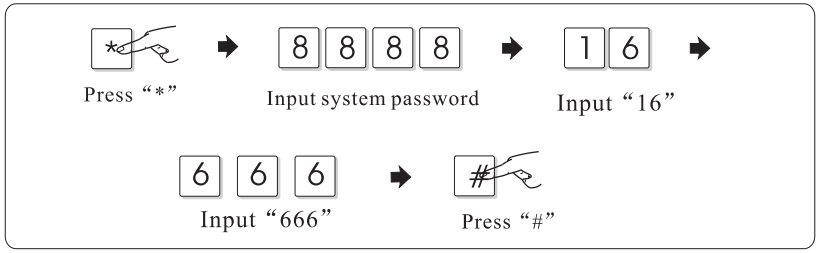
For example: If DSM-824 main panel is connected with a extension line, then for transferring from the internal line to external line needs to dial “9” or “0” If the receiving phone is “22582568”, in line ‘5’ the setting is as shown



For example 1: If your DSM-824 main panel is connected with single line, you can set the cell phone “9818568207” in the second line

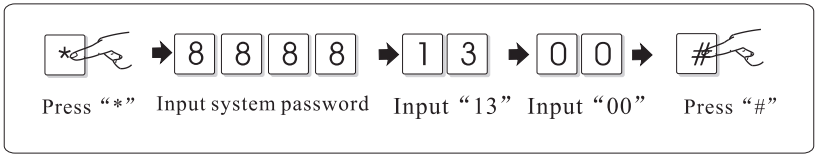


Example 2: if your DSM-824 main control panel is connected with an extension number, you can set another extension “666” as the sixth receiving phone number, the procedure is as follows;



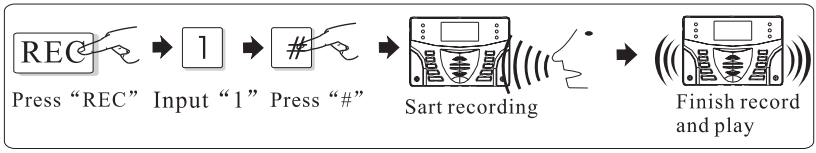
4.2.3.2 Deleting phone number

If you want to change or cancel any phone number, you only input “00” instead of [Y+ phone number]
For example: following operation shows you how to cancel the third receiving phone number



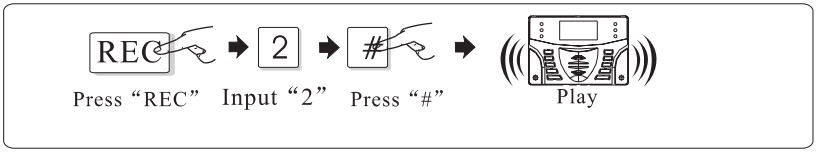
4.2.3.3 Record and replay

★ Record as follow:



★ Playback

If the record is not satisfied, you can record it once again as following:



4.2.4 Setting for connectivity with CMS

Procedure for setting up for CMS connectivity is given below

4.2.4.1

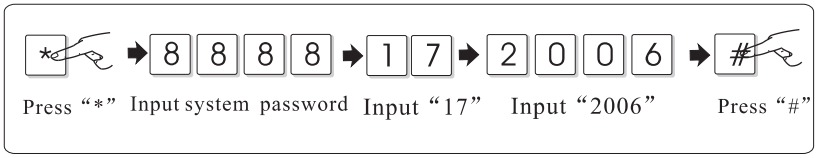
The phone number of CMS should be set as the first or the second number, while the other four numbers can be used with normal(the operation method is the same as 4.2.3.1)

4.2.4.2 setting and cancelling ID for CMS

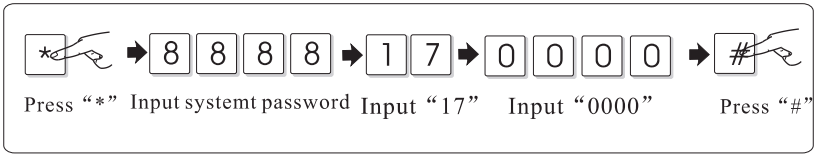
User password is the identification of user in the alarming center

Setting: [*+ system password]→[17] →[4-digit user password] →[#]

For example: if you want to set "2006" as system password, then to cancel it and reset, operation is as follows:



Canceling:[*+ system password] →[17] →[0000] →[#



Note: When we use only mon telephone and cell phone to receive alarm, do not set user ID code, otherwise ,the first and second phone number can not alarm normally. If conneted to CMS and without setting user ID code, the first and second phone number will not transmit message to CMS

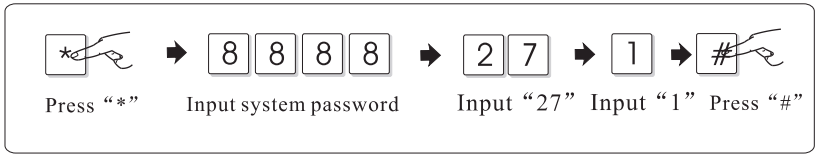
4.2.4.3 Setting for operation information uploading

The operation is used for transferring the information of arming (home /away) or disarming to CMS effectively or prohibit the same

Effective setting:[* →system password] →[27] →[1] →[#]

Prohibitive setting :[* →system password] →[27] →[0] →[#]

For example: You may operate as given below:



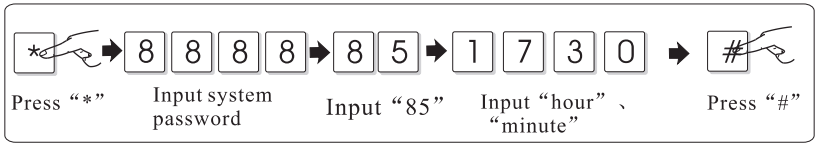
Notice: All the operation information can not be transferred to the CMS. If the last information transferred is disarming, then only alarming information can be transferred.

4.2.4.4 Self check / daily report

The DSM-824 main panel can send daily report to CMS. The procedure is given below

Method of setting: [*→ project password] →[85] →[time for inspect] →[#]

For example: if you want to inspect at 17:30 everyday, operate as follow:



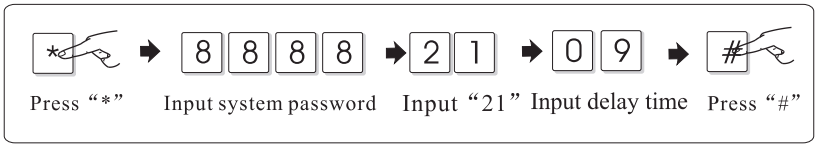
Notice: if “hour” and “minute”is set to zero it means that daily report transfer is disabled. (System cannot be programmed for self check at 00 00 hrs)

4.3 setting for advanced usage choice

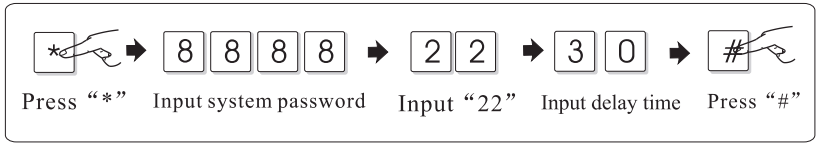
4.3.1 Adjustment for entry delay and exit delay

The delay range can be modified to any 2-digit number between “0-99”, second.

For example: you can set alarming delay with 9 seconds(the factory default set is 10 seconds)

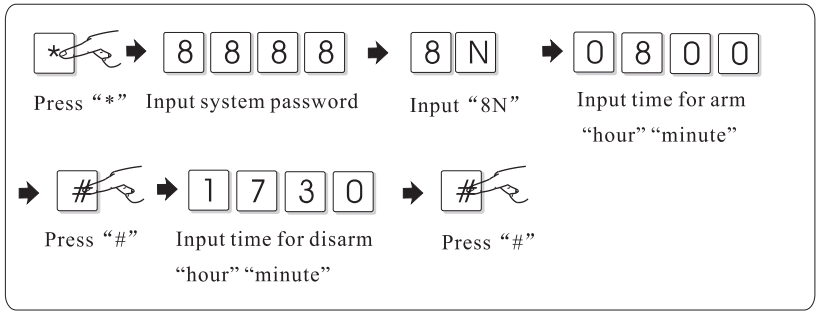


For example: you can set the quit delay as 30 seconds (the factory number is 10 seconds)



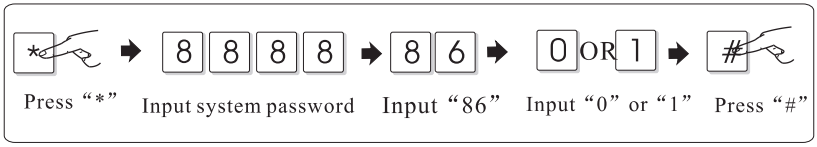
4.3.2 Automatic setting arm/disarm

DSM main control panel can set four group of time for arming and disarming. Automatic arm/disarm can be made valid or invalid
For example: if you want to set 8:00 as arming time and 17:30 as disarming time, the two time point to be considered as the second group, refer to following:



Notice:1. the N=1-4 stands for the which group time for arming/disarming timely
2. when the "hour" "minute" is set as "0", it means that cancel the setting

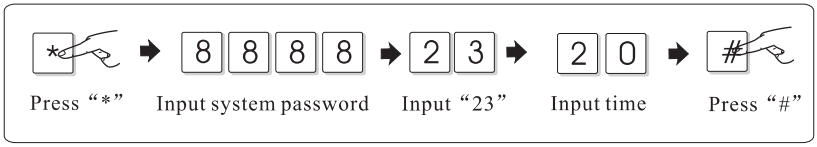
Automatic arm/disarm validating



Notice: "0" means effective, and "1" means invalid

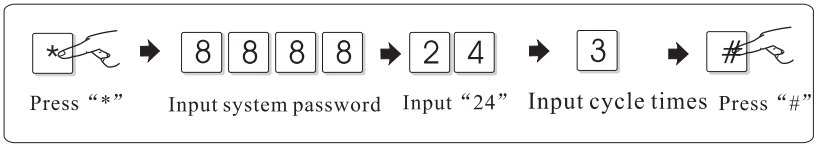
4.3.3 Setting for remote monitoring

For example: you can set the time as 20 seconds (the maximum is 99 seconds), Procedure is given below



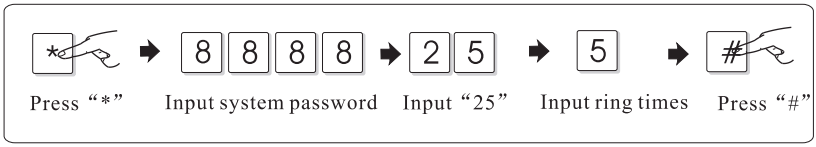
4.3.4 Setting for external dialing

For example, you can set as 3 times, as follow:



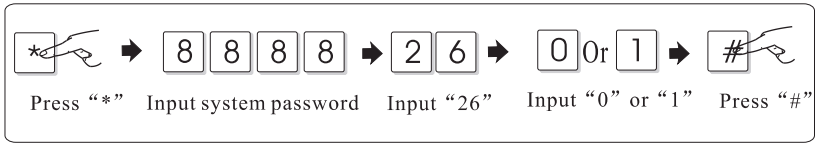
4.3.5 Setting for remote dialling to panel

For example: you can set as ring 5 times then hold off follow:



4.3.6

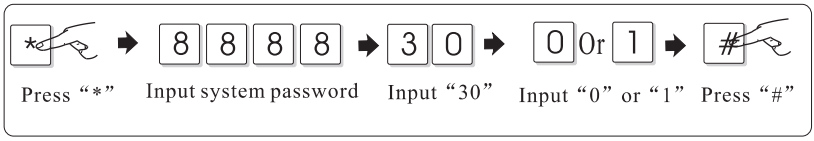
Setting for checking telephone line



Notice: "0" means invalid, and "1" mean effective

4.3.7 Setting for siren ON/OFF

high voice siren on/off setting as follow:

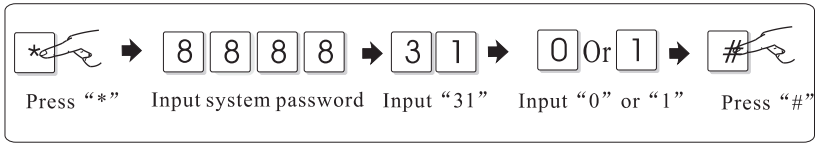


Notice: "0" means effective, and "1" means invalid

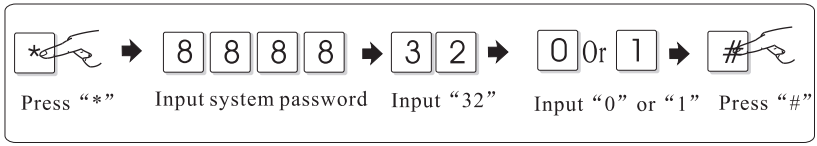
4.3.8 Siren sound selection for different arming

"0" means not hoot, "1" means hoot

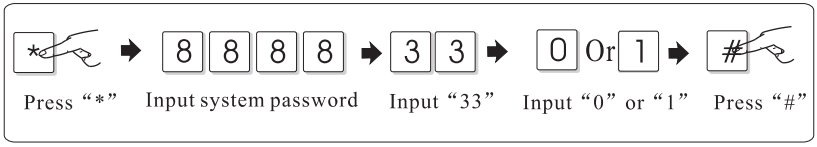
★ Set hoot for robbing as follow



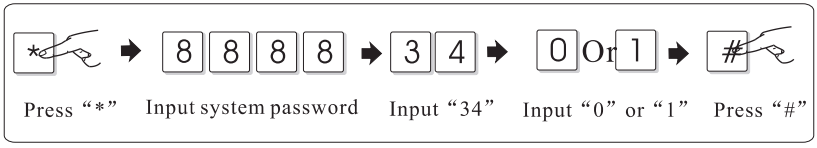
★ Set hoot for stealing as follow



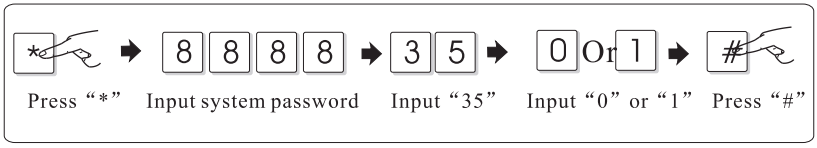
★ Set hoot for gas leaking as follow



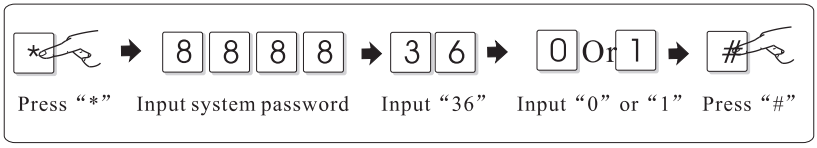
★ Set hoot for emergency as follow



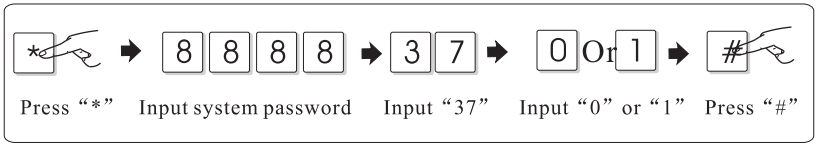
★ Set hoot for perimeter zone as follow：



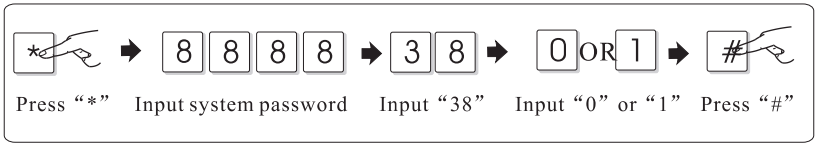
★ Set hoot for special alarm



★ Set hoot for alarm when dialing

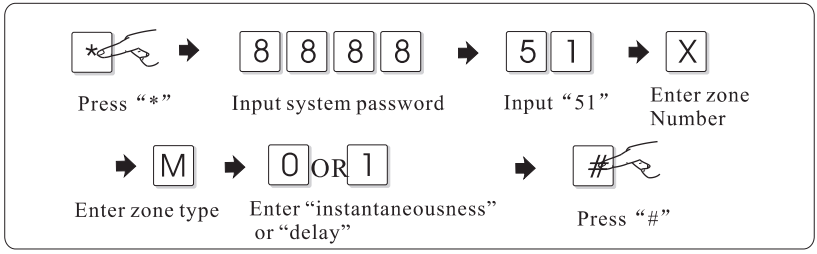


★ setting method of hooting when dialing



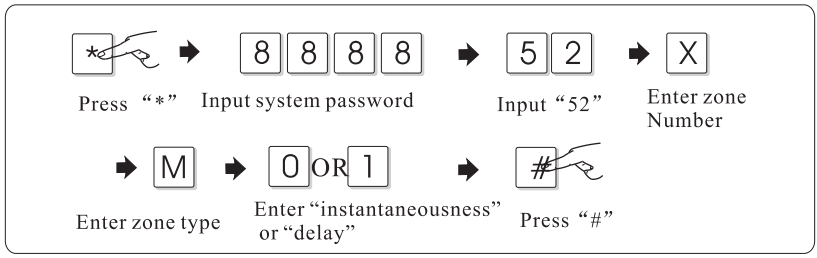
4.3.9 Alarm setting delayed/instantaneous

Panel sends alarm to CMS either instantaneously or with preset delay
"1" means delay, "0" means instantaneous
We have set a value in factory, user can change it by themselves to modify alarm types and delay/instantaneousness
Programming method is as follows:
1-8 wired zone type and delay/instantaneousness code setting as follow:

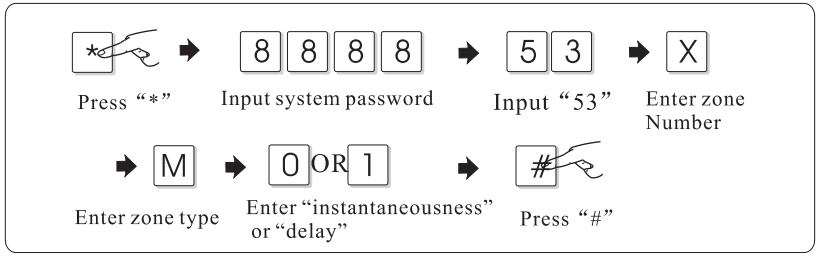


Notice: 1. "X" means the number of setting zone
2. "M" means the type of setting zone
3. "1" means delay, "0" means instantaneousness
4. Go to the next zone setting after pressing #, while keep the original setting if there is no new information input; if change the type of alarm only then delay/instantaneousness will keep original
5. Setting of equipment is the same as below

★ Setting for 1-8 zone type and delay/instantaneousness



★ Setting for 9-16 zone type and delay/instantaneousness



Wired zone	zone type	Type code	Delay/ instantane--ous mode
1	Stealing alarm	2	1
2	Stealing alarm	2	1
3	perimeter	7	1
4	perimeter	7	1
5	fire alarm	8	0
6	gas leak alarm	3	0
7	emergency	5	0
8	robbing alarm	1	0

Chart 1 zone's status in factory

zone	Zone type	Type code	Delay/ instantane--ousness code
1	Stealing alarm	2	1
2	Stealing alarm	2	1
3	perimeter	7	1
4	perimeter	7	1
5	fire alarm	8	0
6	gas leak alarm	3	0
7	emergency	5	0
8	robbing alarm	1	0
9-12	Stealing alarm	2	1
13-16	perimeter	7	1

Chart 2 status of zone in factory

Type code	1	2	3	5	6	7	8
alarm type	Robbing	burglar	gas	emergency	defined	boundary alarm	fire alarm
effective when arm away	√	√	√	√	√	√	√
effective when arm home	√	×	√	√	√	√	√
effetive when adarm	√	×	√	√	√	×	√

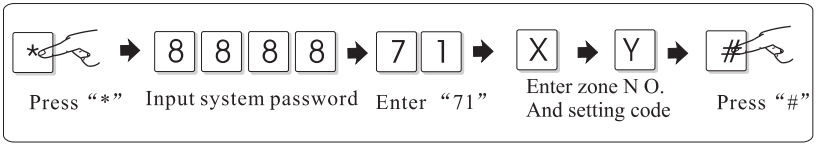
Chart 3

Note: " √ " means effective

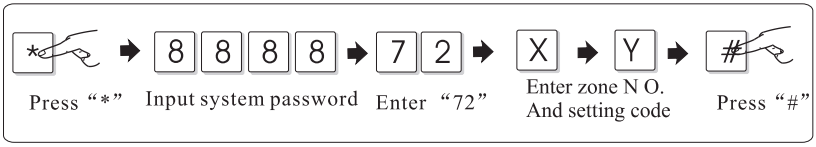
" × " means noneffective

4.3.10 Zone effective/bypass/initialization

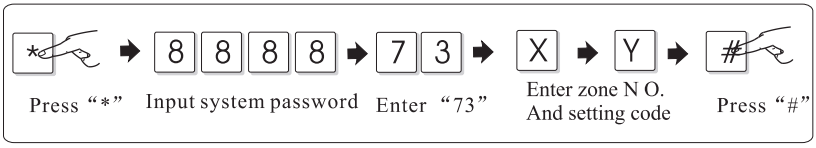
★ Setting for 1-8 wired zone effective/bypass



★ Setting for 1-8 zone effective/bypass



★ Setting for 9-16 zone effective/bypass



Notice: 1. "X" means the number of setting zone
2. "Y" means the code of effective/bypass, "1" means effective,"0" means bypass
3. the zone number should between "1-8"

Initialization for all the zone as follow:

[* → system password]→ [9400]

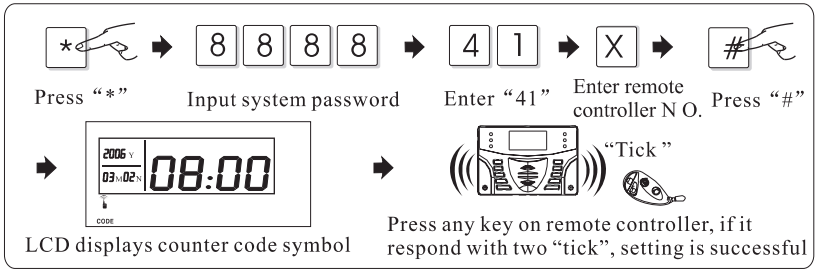
4.4 Counter-code setting

All the accessories of our DSM-824 main panel such as wired/ detectors and remote controller are patible and linked with main panel before delivery. If user need to expand detector or remote controller, they can add-code as following:

4.4.1 Remote control registration

★ Setting for 1-8 remote checking

Method of checking code

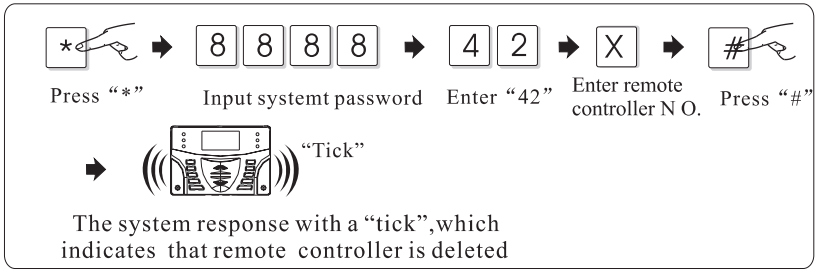


Notice: 1. if the main controller sounds long it means that the remote is already programmed

2. “X” means the number of remote controller, and the value should between “1-8”

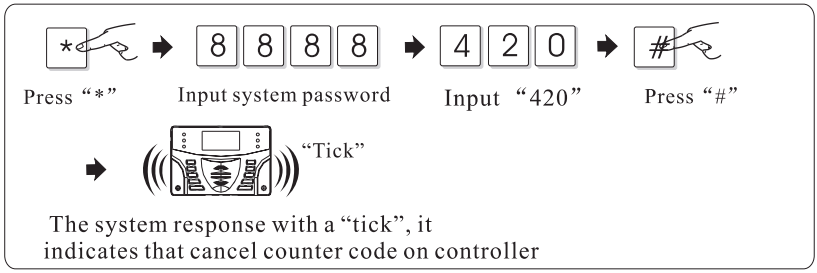
★ **Cancel the 8 programmed remote controller**

The procedure for cancellation is given below:



★ **Cancel all the programmed remote controller**

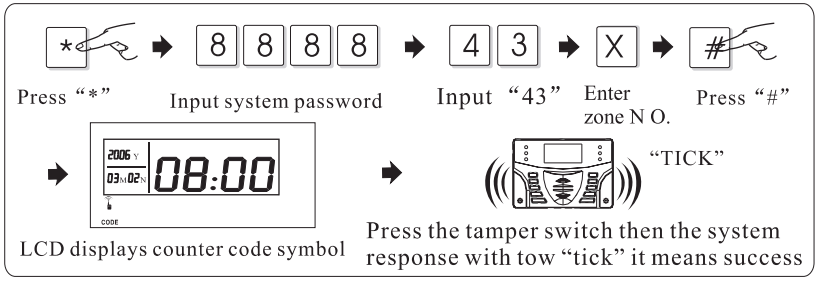
The way of caneling way as below:



4.4.2 Setting for checking and cancelling of 1-8 sensor

★ Setting for checking 1-8 zone

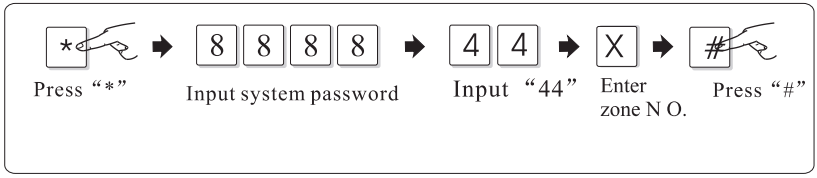
Method of checking code:



Notice: "X" means the zone number, and the value should between "1-8"

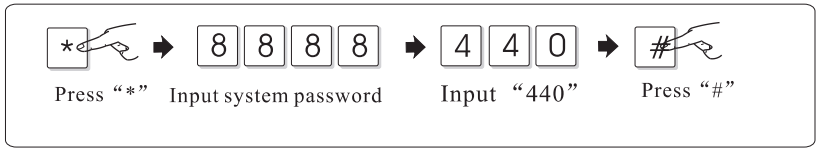
★ **Cancel the programmed code of 1-8 zone**

The way of caneling way as below:



★ **Cancel the checked code of 1-8 zones**

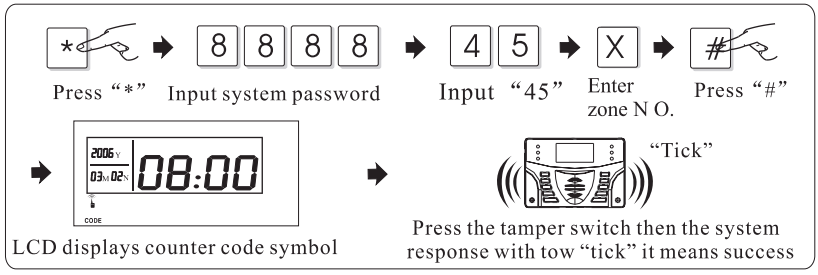
The way of caneling way as below:



4.4.3 Programming and canceling of 9-16 zones

★ Setting all code study 9-16 zone

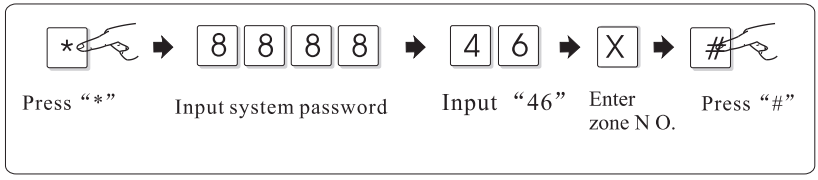
Method of checking code:



Notice: “X” means the zone number, and the value should between “1-8”

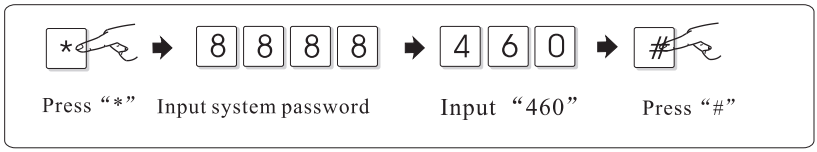
★ **Cancel the code-studied 9-16 zones separately**

The way of caneling way as below:



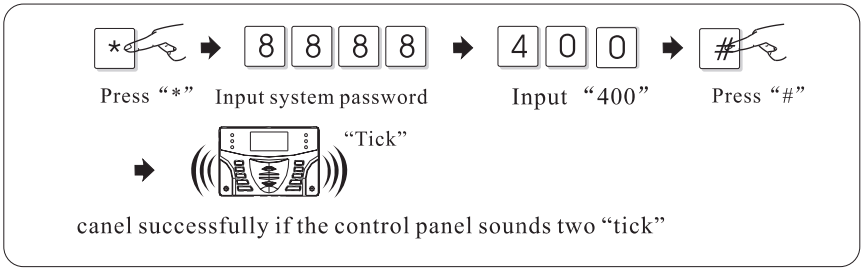
★ Full cancellation of programme 9-16 zones

The way of canellation is given below:



4.4.4 Cancel the setting of all detectors and remote controllers

The way of cancelling all detectors and controllers is given below

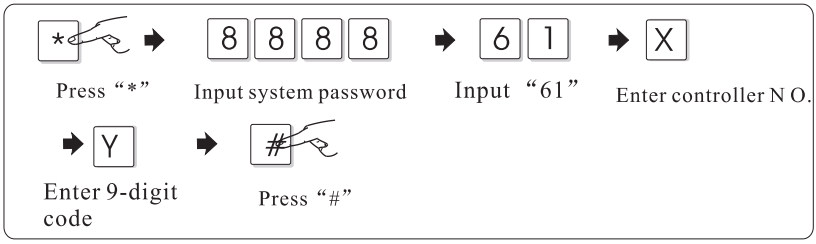


canel successfully if the control panel sounds two “tick”

4.4.5 Input address code of remote controller and detectors by keypad

Keypad can be used to input address code ID of each sensor and controller There is 9-digit code label on out products in the factory, what you need to do is to input this number.

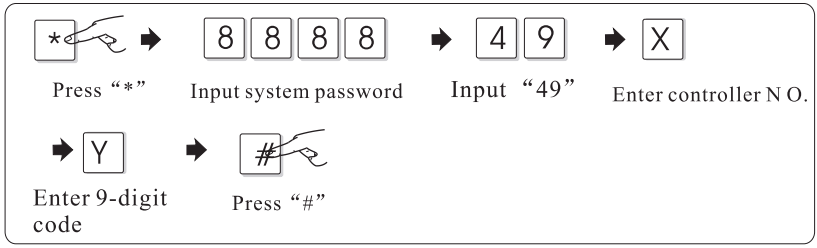
★ Setting of remote controller:



4.4.6 Input address code of siren

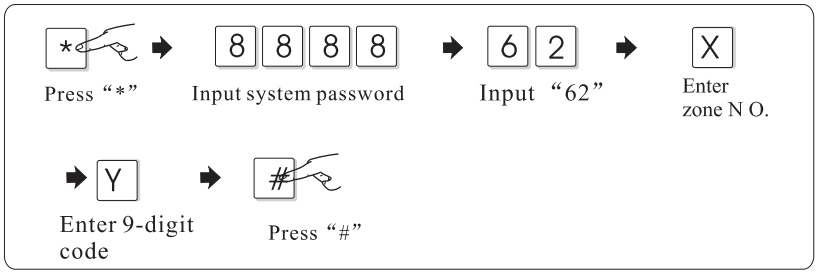
Keypad can be used to input address code ID of each sensor and controller There is 9-digit code label on out products in the factory, what you need to do is to input this number.

★ Setting of siren



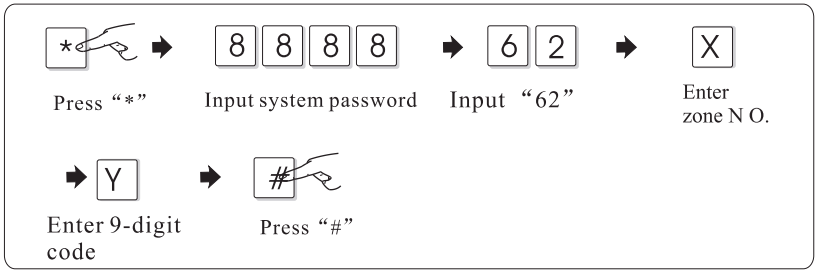
1.“X” stands for remote controller number ranges from 1-8
2.“Y” stands for the 9-digit input code for remote controller

★ Setting of detector code for 1-8 zones



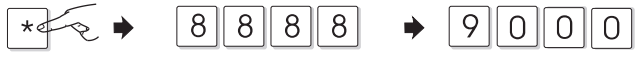
1.“X” stands for numbers ranges from 1-8
2.“Y” stands for the input address code for remote controller

★ Setting of detector code for 9-16 zones



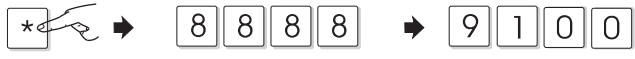
4.5 Setting of resuming of default

1.**Resume all defaults**



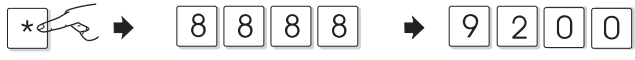
Press “*” Input system password Input “9000”

2.**Resume the user code to :1111**



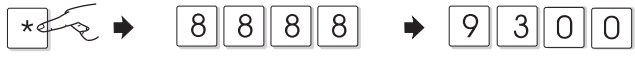
Press “*” Input systemt password Input “9100”

3.Resume the project code to: 8888



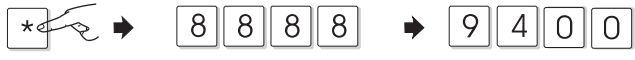
Press “*” Input system password Input “9200”

4. Resuming for zone types code/ timely delay code



Press “*” Input system password Input “9300”

5.**Effective zones/resume of bypass (All bypass not effective for wired zones while effective for zones)**



Press “*” Input system password Input “9400”

Chapter 5 Alarming and Receiving alarm

5.1Validity of activating alarm

Only the stealing alarm, perimeter alarm (such as PIR, magnetic switch, beams detector) are controlled by arming/ disarming at home or away, the other zones are effective all 24 hours . Once the stealing alarm, perimeter alarm are activated, the alarm will be transferred to CMS based on the delay time.

5.2Reception of alarm at CMS

The main control panel transfer the alarm information to the Central Monitoring Station as per the protocol of Contact ID of, if the control panel get the confirmation signal from CMS, it means the alarm successful; otherwise it will alarm once again. The alarming center has software to display and process the alarm information

5.3 mon telephone alarm and receiving alarm

On confirmation of call acceptance from mon phone panel ticks 3 times and send alarm, Afterwards from external phone we can give following mands

Press the key [1]: replay the 10 seconds recording of alarm and remote monitoring for 20 seconds.

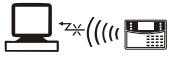
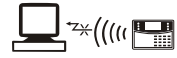
Press the key [2]: delete the alarm

Press the key [3]: replay 20 seconds remote monitoring

Press the key [4]: switch on siren for 10 seconds.

If remote telephone does not respond, the alarm process continues

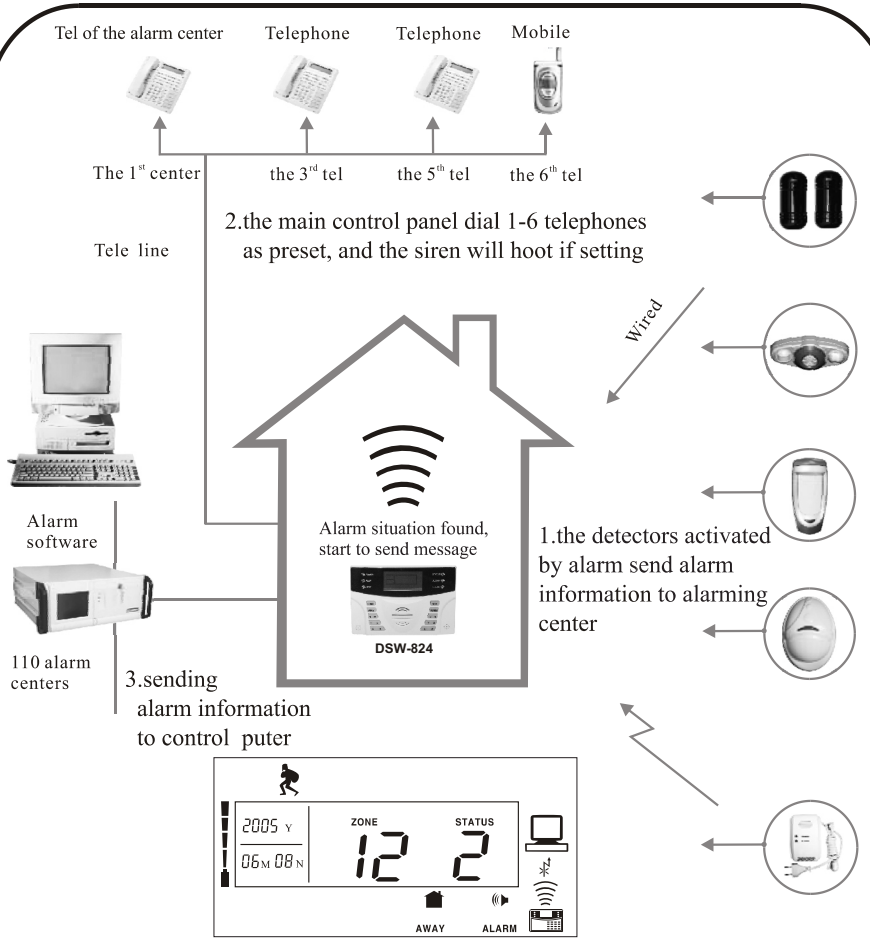
★ means of icon displayed on LCD:

Icon	Mean	Icon	Mean
	Perimeter		Enroll
	Telephone trouble		disarm
	Stealing alarm		home arm
	Robbing alarm		away arm
	Emergency		alarm
	Fire alarm		normal power supply
	Gas leaking alarm		low battery
	Special alarm		
	CMS		Reporting to CMS

Alarm type	Status code	Alarm type	Status code
Robbing alarm	1	Arm	15
Stealing alarm	2	Arm home	16
Gas leaking alarm	3	Disarm	17
Ambulance alarm	5	Telephone trouble	18
Special alarm	6	The battery in detector is low	19
Perimeter	7	The battery in detector is enough	1A
Fire alarm	8		
Tamper alarm	14		

Form 4 Icon means on LCD

5.4 alarm processing



LCD displaying:

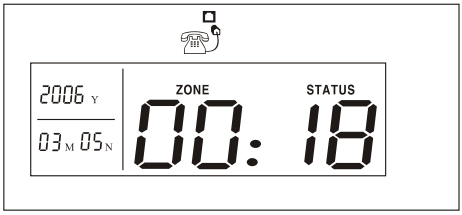
1.Number shows which zone alarm, 1-8 means wired zones, 9-24 means zones, 25 means remote controller and panel for help. 00 means the telephone line cut or arm/disarm

2.the marks on display also indicate alarm

3.LED of signal indicates receiving alarm signal, LED of receiving stands for on progress of receiving alarm, LED of status means the process of alarm

5.5 The telephone line cutting alarm:

When checking function for phone line cutting is set, on arming status, the siren will hoot for 5 minutes once the phone is cut. On disarming status,the buzzer will sounds hint lasting 60 seconds, during the period, if the phone line e back or disarm, the buzzer will stop hint, otherwise, after finish hint,the spot high voice siren will sounds for 2 minutes immediately.



5.6 detector vandal resistant and alarm function

1.If the main control panel receive the signal for detector tamper switch first time, it will consider it as stealing alarm, from the second time, it will operate as normal

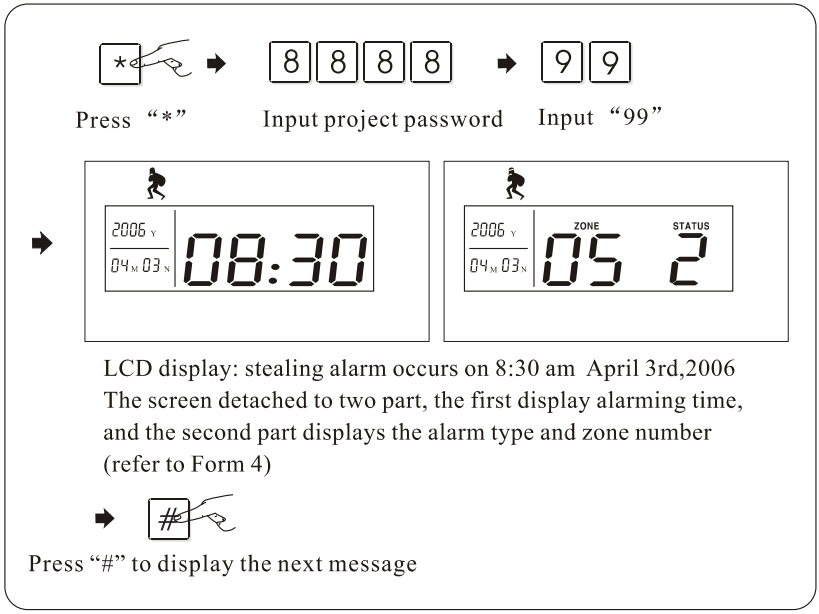
2.Tamper alarm is indicated on display unit and screen shows tamper switch code 14

5.7 Event recording and time watching

5.7.1 Event record And check

5.7.2

For example: stealing alarm at 8: 30 am 3rd April, 2006



LCD display: stealing alarm occurs on 8:30 am April 3rd,2006
The screen detached to two part, the first display alarming time, and the second part displays the alarm type and zone number (refer to Form 4)

Press "#" to display the next message

CHAPTER 6 Maintenance and protection

6.1 To change equipment batteries

Life of battery is one year for ordinary A27 batteries equipped remote controller of the system. But the lifespan also depends on how many times detectors are operated. However, sensor will send out the information of “low power” to be displayedon main panel. Simultaneously, the information of low power is displayed on panel.

The red light flickering indicates the exhaustion of power supply of batteries while pressing key. The first indication of “low power supply” appears just as pre alarm first which will give enough time (nearly 30 days) to buy new batteries instead of old batteries, also, sensor or key can still continue to work under the circumstance above. Although, we suggest you not use them until expired.

6.2 Regular test

Design of ponents of the system is to reduce maintenance cost, But still it is suggested that periodical check may be carried out.

6.3 The cleanliness of control main machine

Main control panel maybe be stained by fingers or covered by dust after using for a while. Use soft cotton cloth or sponge to clean it Don't use any lubricant, liquor such as kerosene, acetone and strong gel which will damage appearance and the transparency of top window.

ATTENTION: Don't use any lubricant, liquor such as kerosene, acetone and strong gel which will damage appearance and the top transparency of window.

6.4 Time reset after power supply restoration

Whenever main panel power is reset, we need to reset time.
Otherwise it will take default time of 00.00

CHAPTER 7 Technical specification

7.1 General data

A area data: 8 wire defensive areas
B wire area request: 51k and 30 k ohm resistance
C area type: robbing alarm, thief alarm, gas leak alarm, ambulance alarm, self-defined alarm, fire alarm and boundary alarm events.

F encoding: DSM

7.2 electric data

Outer AC power supply: Input:185~230v Output:12V/500mA
Main machine static current: 35mA /12v (exclude wire detector current)

Main machine alarming current: =55mA /12v (exclude high siren current)
Main machine 12v maximum output current: =200mA

Recording time: 10s
The trigger delay of wire zone: 10s
The method of alarming dial: DTMF
DTMF dial frequency variation :< 1.5

7.3 Physical capability

Operation temperature range: 32F to 120F (0C to 49C)
Storage temperature range:-4F to 140F (-20C to 60C)
Relative humidity: 90% at 30 (86F)
Dimensions: 162*120*27mm
Weight: 550g
Color: white

attachment 1:keyboard operation

order code	order code meaning
[1 1]	first received alarm telephone number(alarm center number)
[1 2]	second received alarm telephone number(alarm center number)
[1 3]	third received alarm telephone number(sound receive alarm number)
[1 4]	fourthly received alarm telephone number(sound receive alarm number
[1 5]	Fifthly received alarm telephone number(sound receive alarm number)
[1 6]	sixth received alarm telephone number(sound receive alarm)
[1 7]	user 4 bit code on alarm center
[1 8]	user password amend
[1 9]	project password amend
[2 0]	system clock setting
[2 1]	Entry delay
[2 2]	disposal exit delay
[2 3]	spot monitor time
[2 4]	telephone alarm time
[2 5]	remote control shake time
[2 6]	telephone fall checking function
[2 7]	disposal/withdraw information on loading selection
[3 0]	alarm/non- alarm general switch selection
[3 1]	robbing alarm/non-sound switch selection
[3 2]	thief alarm/non sound switch selection
[3 3]	gas leak alarm/non sound switch selection
[3 4]	fired alarm/non sound switch selection
[3 5]	urgency ambulance alarm /non _sound switch selection
[3 6]	boundary alarm/non sound switch selection

order code	order code meaning
[3 7]	specific alarm/ non sound switch selection
[3 8]	dialing alarm/non sound switch selection
[4 1]+[1-8]	partition process no1_8 remote control pair code
[4 2]+[1-8]	partition delete no 1_8 remote control pair code
[4 2 0]	delete all remote control pair code
[4 3]+[1-8]	partition process no 1_8 defenses area detector pair-code
[4 4]+[1-8]	partition delete no 1_8 defenses area detector pair-code
[4 4 0]	delete no 1_8 defenses area detector pair-code
[4 5]+[1-8]	partition process no9_16 defenses area detector pair code
[4 6]+[1-8]	partition delete no9_16 defenses area detector pair-code
[4 6 0]	delete no9_16 defenses area all detector pair-code
[4 0 0]	Delete remote control/ defenses area all detector pair-code
[4 9]	Setting siren N o.
[5 1]+[1-8]	Setting no 1_8 wire defenses area type/delay code
[5 2]+[1-8]	Setting no 1_8 defenses area type/delay code
[5 3]+[1-8]	setting no 9_16 defenses area type/delay code
[6 1]+[1-8]	Keyboard enter 1_8 remote control address code
[6 2]+[1-8]	keyboard enter1-8 defenses area detector address code
[6 3]+[1-8]	keyboard enter9-16 defenses area detector address code
[7 1]+[1-8]	keyboard enter 1-8 wire defenses area efficiency/bypass selection cod
[7 2]+[1-8]	keyboard enter 1-8 defenses area efficiency/bypass selection
[7 3]+[1-8]	keyboard enter 9_16 defenses area efficiency/bypass selection
[8 1-8 4]	no 1-4 team time disposal/withdraw time setting
[8 5]	alarm center timing checking time setting
[8 6]	time disposal/withdraw time available .non available selection

[9000]	renew factory default setting
[9100]	user password_ renew number:1111
[9200]	project password_ renew number: 8888
[9300]	wire . defenses area type code /delay code initialize
[9400]	defenses area efficiency initialize(wire defenses area all bypass fail)
[99+#]	defenses area all available

Attachment 2:

remote control operation

press 1bond remote disposal
press2 bond remote withdraw
press 3 indoor motion monitor
press 4 switch on spot alarm 10 seconds

remote received alarm processing

press 1 bond re-listen record and monitor
press 2bond delete all alarm
press 3 bond spot monitor
press 4switch on spot alarm 10 seconds